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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:
Rawson et al.

Application No: 09/432,883

Filed: November 2, 1999

Title: SYSTEM, METHOD, AND
NETWORK FOR PROVIDING HIGH
SPEED REMOTE ACCESS FROM
ANY LOCATION CONNECTED BY
A LOCAL LOOP TO A CENTRAL
OFFICE

Attorney Docket No. COVD-0013

Examiner: Unknown

Group Art Unit: 2739

Technology Center 2600

MAY 16 2001

RECEIVED

**REVOCATION OF PRIOR POWERS AND
NEW POWER OF ATTORNEY BY ASSIGNEE,
STATEMENT UNDER 37 C.F.R. 3.73(b)**

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

COVAD COMMUNICATIONS GROUP, INC. (hereinafter referred to as "assignee"), a Delaware corporation having a place of business at 2330 Central Expressway, Santa Clara, CA 95050, certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent application and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

The subject application is a continuation of US Serial No. 09/098,020 (hereinafter "parent application"). An executed assignment document is recorded under the parent application. In accordance with 37 CFR 3.73, the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed, a true and correct copy of which is attached hereto, that title is in the assignee seeking to take this action to the best of assignee's knowledge and belief, and understands that the assignment document for the parent application was recorded in the U.S. Patent and Trademark Office at Reel 9454, Frame 0934.

Pursuant to 37 C.F.R. §§1.36 and 3.71, as assignee of record of the entire interest of the above-identified application (patent), the assignee hereby revokes all powers of attorney previously given and appoints **Jung-hua Kuo, Reg. No. 41,918** with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Please send all correspondence for this application as follows:

CUSTOMER NUMBER 23689

Jung-hua Kuo
Attorney at Law
P.O. Box 3275
Los Altos, CA 94024

Please direct any calls to **Jung-hua Kuo** at (650) 988-8070.

Assignee of Interest:

COVAD COMMUNICATIONS GROUP, INC.
2330 Central Expressway, Santa Clara, CA 95050

Date

5/8/01

By:



Name: Brad Sonnenberg
Title: Deputy General Counsel

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: Richard Alvan Rawson, John Charles Reilly, and Rangaswamy Ramachandran, the undersigned hereby sell(s) and assign(s) to Covad Communications Group (the Assignee) his/her entire right, title and interest

check applicable box(es) ☒ for the United States of America (as defined in 35 U.S.C. § 100),
☒ and throughout the world,

in the invention(s) known as A System, Method, and Network for Providing High Speed Remote Access From Any location Connected by a Local Loop to a Central Office, for which application(s) for patent in the United States of America has (have) been executed by the undersigned on June 10, 1998 (also known as United States Application No. _____, filed _____), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisionals and the continuing applications thereof to the full end of the term or terms for which such Letters Patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing, divisional, reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing, divisional, reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby covenant(s) that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s) Narendra Reddy Thappeta, Esq., Registration Number 41,416, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

Date: June 10, 1998

Signature of Inventor:

Richard Alvan Rawson
Richard Alvan Rawson

Date: June 10, 1998

Signature of Inventor:

John Charles Reilly
John Charles Reilly

Date: June 10, 1998

Signature of Inventor:

Rangaswamy Ramachandran
Rangaswamy Ramachandran